

| Ref # | Hits | Search Query                            | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S2    | 0    | 2002/026108                             | US-PGPUB  | OR               | ON      | 2005/08/31 11:47 |
| S3    | 0    | "2002026108"                            | US-PGPUB  | OR               | ON      | 2005/08/31 11:47 |
| S4    | 12   | (colvin and arthur).in.                 | US-PGPUB  | OR               | ON      | 2005/08/31 13:53 |
| S5    | 427  | attenuat\$4 with (ambient near light)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/10 15:40 |
| S6    | 112  | S5 same sensor                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/10 15:22 |
| S7    | 7    | S6 and (indicat\$4 near molecules)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/31 13:56 |
| S8    | 1    | S6 same (indicat\$4 near molecules)     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/31 13:55 |
| S9    | 7    | S6 and (indicat\$4 near molecule)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/11 11:58 |
| S10   | 4    | S5 same (optical near sensor)           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/08/31 14:23 |
| S11   | 0    | taningco and (indicator near molecules) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/10 15:24 |
| S12   | 28   | taningco                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/10 15:25 |
| S13   | 19   | S12 and (indicat\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/11/10 15:30 |

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| S14 | 0  | S12 and (indicat\$4 with molecu\$4)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 12:48 |
| S15 | 6  | ("20020026108" "6330464" "6400974").PN.                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/10 15:30 |
| S16 | 0  | ("("20020026108" "6330464" "6400974").PN.").PN.          | USPAT   | OR | OFF | 2005/11/10 15:30 |
| S17 | 2  | ("20020026108" "6330464" "6400974").PN.                  | USPAT   | OR | ON  | 2005/11/10 15:30 |
| S18 | 3  | ("20020026108" "6330464" "6400974").PN.                  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/01 13:01 |
| S19 | 41 | colvin.in. and (indicat\$4 near molecule)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/10 15:32 |
| S20 | 25 | colvin.in. and (indicat\$4 near molecule)                | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:34 |
| S21 | 9  | S20 and (ambient near light)                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:33 |
| S22 | 1  | S20 and (ambient near light).clm.                        | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:33 |
| S23 | 29 | colvin.in. and (indicat\$4 near (element or molecule))   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:34 |
| S24 | 0  | S23 and (determin\$4 near light).clm.                    | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:35 |
| S25 | 1  | S23 and (determin\$4 near3 light).clm.                   | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:35 |
| S26 | 10 | S23 and (photodetector).clm.                             | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:36 |
| S27 | 0  | S23 and (rader and illuminat\$4 and photodetector).clm.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:36 |
| S28 | 1  | S23 and (reader and illuminat\$4 and photodetector).clm. | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/11/10 15:36 |
| S29 | 1  | 10/823781  | US-PGPUB  | OR | ON  | 2005/12/05 15:27 |
| S30 | 0  | "colvin.in" and (attenuat\$4 with (ambient near light))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/11/10 15:40 |

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| S31 | 7    | colvin.in. and (attenuat\$4 with (ambient near light))                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/10 15:45 |
| S32 | 839  | 128/903.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/10 15:44 |
| S33 | 323  | 600/316.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/10 15:45 |
| S34 | 147  | 600/317.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/10 15:45 |
| S35 | 1272 | 600/317.ccls. or 600/316.ccls. or 128/903.ccls.                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 11:58 |
| S36 | 42   | S35 and "250"/\$.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/10 15:46 |
| S37 | 8771 | (indicat\$4 near molecu\$3)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:35 |
| S38 | 3132 | 600/317.ccls. or 600/316.ccls. or 128/903.ccls. or 250/458.1.ccls. or 250/459.1.ccls. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 11:59 |
| S39 | 45   | S37 and S38   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:00 |
| S40 | 40   | S39 and \$7detector   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:02 |

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|-----|--------|---|---|----|----|------------------|
| S41 | 26     | S39 and (photodiode or phototransistor or photoresistor or photodetector) and (((radiation or light ) near source) or (led or diode)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:32 |
| S42 | 41     | concentration with (analyte or oxygen or glucose)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:32 |
| S43 | 0      | S41 and S42   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:31 |
| S44 | 110135 | concentration with (analyte or oxygen or glucose)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:31 |
| S45 | 18     | S41 and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:31 |
| S46 | 553    | S38 and S44   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:31 |
| S47 | 18     | S41 and S46   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:31 |
| S48 | 256    | S46 and (photodiode or phototransistor or photoresistor or photodetector) and (((radiation or light ) near source) or (led or diode)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:33 |
| S49 | 5      | ((determin\$4 or measur\$4 or detect\$4) near2 concentration) with (analyte or oxygen or glucose)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:43 |
| S50 | 21758  | ((determin\$4 or measur\$4 or detect\$4) near2 concentration) with (analyte or oxygen or glucose)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:33 |

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|-----|------|---|---|----|----|------------------|
| S51 | 1476 | S50 and (photodiode or phototransistor or photoresistor or photodetector) and (((radiation or light ) near source) or (led or diode))                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:33 |
| S52 | 180  | S38 and S51   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:34 |
| S53 | 14   | S37 and S52   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:34 |
| S54 | 42   | S52 and ((fluoresce\$6 or indicat\$4) near2 molecu\$3)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:36 |
| S55 | 49   | ((determin\$4 or measur\$4 or detect\$4) near2 fluoresce\$5) and ((indicat\$4 near molecu\$3) same ((light near source) or led))                          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:45 |
| S56 | 42   | ((determin\$4 or measur\$4 or detect\$4) near2 fluoresce\$5) and ((indicat\$4 near molecu\$3) same ((light near source) or led)) and second               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:45 |
| S57 | 1    | ((determin\$4 or measur\$4 or detect\$4) near2 fluoresce\$5) and ((indicat\$4 near molecu\$3) same ((light near source) or led)) and (second near signal) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:46 |
| S58 | 0    | ((determin\$4 or measur\$4 or detect\$4) near2 fluoresce\$5) and ((illuminat\$4 near (indicat\$4 near molecu\$3)) same ((light near source) or led))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:47 |
| S59 | 8    | ((determin\$4 or measur\$4 or detect\$4) near2 fluoresce\$5) and ((illuminat\$4 with (indicat\$4 near molecu\$3)) same ((light near source) or led))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:47 |
| S60 | 0    | colvin.in. and (ceas\$4 with illuminat4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:48 |

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|-----|-------|---|---|----|----|------------------|
| S61 | 2     | colvin.in. and (ceas\$4 with illuminat\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:48 |
| S62 | 14    | colvin.in. and (second near signal)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:49 |
| S63 | 2     | (arthur and colvin).in. and (second near signal)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/11/11 12:49 |
| S64 | 30247 | ((fluorescen\$4 or indicat\$4) near2 molecu\$4)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:48 |
| S65 | 0     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with (illuminat\$4 and ("not" near illuminat\$4)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:49 |
| S66 | 0     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with ("not" near illuminat\$4)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:49 |
| S67 | 2     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with (ceas\$4 near illuminat\$4)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:49 |
| S68 | 0     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with (stop\$4 near illuminat\$4)                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:50 |
| S69 | 1     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with (stop\$4 near irradiat\$4)                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:50 |
| S70 | 0     | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) with ("not" near irradiat\$4)                     | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/01 12:51 |

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| S71 | 0    | ((fluorescen\$4 or indicat\$4) near2<br>molecul\$4) with (ceas\$4 near<br>irradiat\$4)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 13:06 |
| S72 | 0    | ("2002016535").PN.  | US-PGPUB;<br>USPAT                                      | OR | ON  | 2005/12/01 13:02 |
| S73 | 0    | "2002016535"  | US-PGPUB  | OR | ON  | 2005/12/01 13:02 |
| S74 | 0    | (blake near martin).in.   | US-PGPUB  | OR | ON  | 2005/12/01 13:03 |
| S75 | 7    | (blake near martin).in.   | USPAT   | OR | ON  | 2005/12/01 13:03 |
| S76 | 1    | ("6201980").PN.   | USPAT   | OR | OFF | 2005/12/01 13:03 |
| S77 | 0    | ((fluorescen\$4 or indicat\$4) near2<br>molecul\$4) same bolometer  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:43 |
| S78 | 16   | ((fluorescen\$4 or indicat\$4) near2<br>molecul\$4) and bolometer   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 13:23 |
| S79 | 0    | ((fluorescen\$4 or indicat\$4) near2<br>molecul\$4) and (((light near<br>source) or led) near2 (on and off))                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:13 |
| S80 | 2653 | (250/458.1 or 250/459.1 or<br>250/461\$).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:14 |
| S81 | 27   | S80 and ((reduc\$4 or compensat\$4)<br>near (background or ambient)) and<br>(subtract\$4 with (background or<br>ambient))         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:16 |
| S82 | 31   | S80 and ((reduc\$4 or compensat\$4)<br>near (background or ambient)) and<br>(subtract\$4 with (dark or<br>background or ambient)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:43 |
| S83 | 2    | ((("6867051") or ("6329661")).PN.   | USPAT   | OR | OFF | 2005/12/01 14:40 |
| S84 | 439  | ((fluorescen\$4 or indicat\$4) near2<br>molecul\$4) and S80   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:46 |

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| S85 | 12   | S84 and ((reduc\$4 or compensat\$4) near (background or ambient)) and (subtract\$4 with (dark or background or ambient))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:43 |
| S86 | 10   | S85 and photodetector  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:37 |
| S87 | 28   | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) and (arthur and colvin).in.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:46 |
| S88 | 10   | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) and photodetector.clm. and (arthur and colvin).in.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:50 |
| S89 | 9    | ((fluorescen\$4 or indicat\$4) near2 molecu\$4) and photodetector.clm. and (arthur and colvin).in.                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:51 |
| S90 | 9    | ((fluorescen\$4 or indicat\$4) near2 (element or molecu\$4)) and photodetector.clm. and (arthur and colvin).in.                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:51 |
| S91 | 16   | ((fluorescen\$4 or indicat\$4) near2 (element or molecu\$4)) and (photosensitive or photodetector)).clm. and (arthur and colvin).in. | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:53 |
| S92 | 161  | "5833603"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/01 14:53 |
| S93 | 1    | ("5833603").PN.  | USPAT   | OR | OFF | 2005/12/01 14:53 |
| S94 | 1    | ("6867051").PN.  | USPAT   | OR | OFF | 2005/12/05 10:05 |
| S95 | 1    | ("5833603").PN.  | USPAT   | OR | OFF | 2005/12/05 15:27 |
| S96 | 2653 | (250/458.1 or 250/459.1 or 250/461.1 or 250/461.2).ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/12/05 15:38 |



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| S97 | 10 | S96 and ((compensate near3<br>(background or ambient)))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:39 |
| S98 | 2  | S96 and ((compensate near3<br>(background or ambient))) same<br>subtract)      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:39 |
| S99 | 11 | S96 and ((compensat\$4 near3<br>(background or ambient))) same<br>subtract\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2005/12/05 15:39 |